					· · · · · · · · · · · · · · · · · · ·	
Substitute	for Form 1449	/PTO		Complete	if Known	
	INFOR	MA	TION DISCLOSUR	Application Number	New Application	
				_	Filing Date	Concurrently herewith
			ENT BY APPLICAN	1	First Named Inventor:	Michael T. Morse
		(use a:	s many sheets as necessary)	Art Unit	Not Yet Assigned	
>				Examiner Name	Not Yet Assigned	
Sheet ·	1		of	2	Attorney Docket Number	42P13843D
			U.S. PATEN	T DOCUMENTS	3	
Examiner . Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
-01		Num	ber-Kind Code ² (# known)			Appear
1705	1.	US-	6,174,748 B1	01-16-2001	Jeon et al.	
(U)	2.	US-	6,219,366 B1	04-17-2001	Furushima	
10)	3.	US-	6,293,688 B1	09-25-2001	Deacon	
10)	4.	US-	6,312,144 B1	11-06-2001	Li	
17)	5.	US-	6,385,371 B1	05-07-2002	Li	
<u> </u>		US-				
		US-				
		US-				
		US-				-
		US-				
		US-				
		UŞ-				
		US-				
		US-				
		US			Ca.2	

		FO	REIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
					·	
		313				

Examiner	1-110	Date Considered	
Signature	1005	144	T-23-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute fo	r Form 1	449/PTO		Compl	ete if Known	
INFORMATION DISCLOSURE			LOSURE	Application Number	Not Yet Assigned	
				Filing Date	Herewith	
SIAI		NT BY APP		First Named Inventor:	Michael T. Morse	
	(use as r	nany sheets as neces	isary)	Art Unit	Not Yet Assigned	
•				Examiner Name	Not Yet Assigned	
Sheet :	2	of	2	Attorney Docket Number	42P13843D	
			NON PATENT LIT	ERATURE DOCUMENTS		
Examiner Initials*	Cite No ¹		nagazine, journal, se	AL LETTERS), title of the article (rial, symposium, catalog, etc.), da isher, city and/or country where pu	te, page(s), volume-issue	T ²
TD)	6.	Comprehensive M	LUO, JIANFENG, ET AL., "Integrated Model for Chemical-Mechanical Polishing Based on A Comprehensive Material Removal Model," Sixth International Conference on Chemical-Mechanical Polish (CMP) Planarization for ULSI Multilevel Interconnection (CMP-MIC), March 8-9, 2001, pp. 1-8.			
DDS	7.	SMEKALIN, KONSTANTIN, "CMP Dishing Effects In Shallow Trench Isolation," Magazine Volume 40, Issue 7, July 1, 1997, pp. 1-6				
			_			

Examiner	Pal	11	Date	5/22/05
Signature	TOU		Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

Substitute	for Form 1449			Complete	if Known		
	INFOR	ΛΛΔ.	TION DISCLOSURA	Application Number	10/808,787		
	INFORMATION DISCLOSURET PE					March 23, 2004	
	STATE	ME	NT BY APPLICANT	504	First Named Inventor:	MORSE	
	(use as		1 2 8 2004 °	Art Unit	1765	
Sheet 1 of TRADEWERLE				Examiner Name	Not Yet Assigned		
Sheet	1		of	TRADENARY	Attorney Docket Number	42P13843D	
	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
٠		Num	ber-Kind Code ² (If known)	WINFOLFITT		of Netevant Figures Appear	
TW	1.	US-	5,708,750	01-13-1998	Kevorkian et al.		
113	2.	US-	5,867,623	02-02-1999	Broquin et al.	•	
,		US-					
		US-					
		US-					
		US-					
		US-					
	!	US-					
		US- US-					
:		US-					
		US-					
		US-					
		-				- <u></u>	

		· FO	REIGN PATEN	T DOCUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear	T°
	3.	PCT/US 03/12364	06-03-2004	PCT Written Opinion		

	-					

Examiner	Lalo	Date Considered	
Signature	TUBE		5-25-21

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute	for Form 1449	PTO		Complete if Known			
	INFOR	ΛΛΔ'	TION DISCLOSURE	Application Number	10/808,787		
OIP				Filing Date	March 23, 2004		
/	SAATE		ENT BY APPLICANT		First Named Inventor:	Morse	
DEE 0 6	2004 []	(use as	many sheets as necessary)		Art Unit	1765	
	\$31				Examiner Name	Not Yet Assigned	
Sheet Transition 1 of				1	Attorney Docket Number	42P13843D	
			U.S. PATEN	T DOCUMENT	S		
Examiner Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	
			Number-Kind Code ² (If known)			Figures Appear	
TO	1.	US-	4,773,720	09-27-1988	Hammer		
TDS	2.	US-	5,349,602	09-20-1994	Mehuys et al.		
TOS	3.	US-	5,442,723	08-15-1995	Vinchant et al.		
TPI	4.	US-	5,844,929	12-01-1998	Lealman et al.		
005	5.	US-	6,108,478	08-22-2000	Harpin et al.		
TDI	6.	US-	6,229,947 B1	05-08-2001	Vawter et al.		
7775	7.	US-	2002/0131744 A1	09-19-2002	Evans et al.		
TD) TD)	8.	US-	2003/0007766 A1	01-09-2003	Galarza et al.		
TPS	9.	US-	6,522,801 B1	02-18-2003	Aksyuk et al.		
TOS	10.	US-	2003/0068152 A1	04-10-2003	Gunn, III		
		US-					
		US-					
		US-					
		US-					
		US-					

Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner	12.0C0	Date Considered	5/21.05
Signature	14100	W 200	7.25

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.